



Jefferson Lab Alignment Group

Data Transmittal

TO: J. P. Chen, J. LeRose

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FROM: J. Dahlberg

Checked:

A895

DETAILS:

Below are the results of the Hall A He3 compass surveys performed for the E97110 run during August 2003. The deltas are offsets of the compass direction, (in degrees), from the incoming beam line. A positive angle is clockwise from ideal looking from above. They are listed sequentially as surveyed in the field.

MEASUREMENTS PRIOR TO RUN (July 10, 2003)

| ORIENTATION | DELTA |
|----------------------------|---------------------------|
| 0° parallel to beam | 0.13 (septum off) |
| 180° parallel to beam | 0.46 “ |
| 0° repeat parallel to beam | 0.19 “ |
| 270° perpendicular to beam | 0.32 “ |
| 0° parallel to beam | 0.18 (septum at 300 amps) |

MEASUREMENTS AFTER RUN (Sept. 04, 2003)

| ORIENTATION | DELTA |
|----------------------------|-------------------|
| 0° parallel to beam | 0.12 (septum off) |
| 180° parallel to beam | 0.50 “ |
| 0° repeat parallel to beam | 0.22 “ |
| 270° perpendicular to beam | 0.37 “ |